

IN THE CLAIMS

(1) Please rewrite Claim 1 as follows:

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1 1. (Twice Amended) A telephone call and voice processing system comprising:  
2 switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
3 connects [is adaptable for connecting] the call to a telecommunications device coupled to  
4 the system; and  
5 voice processing circuitry [adaptable] for automatically interacting with the call,  
6 wherein the switching circuitry and the voice processing circuitry are controlled by a  
7 single microprocessor.

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(2) Please rewrite Claim 3 as follows:

1 3. (Twice Amended) A telephone call and voice processing system comprising:  
2 switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
3 connects [is adaptable for connecting] the call to a telecommunications device coupled to  
4 the system; and  
5 voice processing circuitry [adaptable] for automatically interacting with the call,  
6 wherein the switching circuitry and the voice processing circuitry are controlled by a  
7 single processing means, wherein the voice processing circuitry further comprises a  
8 signal processing circuitry coupled to the single processing means, wherein the switching  
9 circuitry further comprises a digital cross-point matrix coupled to the single processing  
10 means and to the signal processing circuitry.

(3) Please rewrite Claim 4 as follows:

4. (Amended) The system as recited in claim 3, wherein the switching circuitry further comprises:

a first codec [adaptable] for receiving the call from a CO, the first codec coupled to the digital cross-point matrix.

(4) Please rewrite Claim 5 as follows:

5. (Amended) The system as recited in claim 4, wherein the switching circuitry further comprises:

circuitry, coupled to the digital cross-point matrix, [adaptable] for coupling the call to an extension telephone.

(5) Please rewrite Claim 6 as follows:

6. (Twice Amended) A telephone call and voice processing system comprising: switching circuitry [adaptable] for receiving a call, wherein the switching circuitry connects [is adaptable for connecting] the call to a telecommunications device coupled to the system; and

voice processing circuitry [adaptable] for automatically interacting with the call, wherein the switching circuitry and the voice processing circuitry are controlled by a single processing means, wherein the single processing means is controlled by a single set of software operable for controlling both the switching circuitry and the voice processing circuitry.

[6] Please rewrite Claim 12 as follows:

1 12. (Twice Amended) A telephone call and voice processing system comprising:  
2 switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
3 connects [is adaptable for connecting] the call to a telecommunications device coupled to  
4 the system; and  
5 voice processing circuitry [adaptable] for automatically interacting with the call,  
6 wherein the switching circuitry and the voice processing circuitry are controlled by a  
7 single processing means, wherein the voice processing circuitry further comprises a  
8 signal processing circuitry coupled to the single processing means, wherein the signal  
9 processing circuitry further includes:  
10 a DTMF receiver operable for recognizing DTMF tones from the call.

[7] Please rewrite Claim 13 as follows:

1 13. (Twice Amended) A telephone call and voice processing system comprising:  
2 switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
3 connects [is adaptable for connecting] the call to a telecommunications device coupled to  
4 the system; and  
5 voice processing circuitry [adaptable] for automatically interacting with the call,  
6 wherein the switching circuitry and the voice processing circuitry are controlled by a  
7 single processing means, wherein the voice processing circuitry further comprises a  
8 signal processing circuitry coupled to the single processing means, wherein the signal  
9 processing circuitry further includes:  
10 a recording buffer operable for recording the call.

(8) Please rewrite Claim 14 as follows:

14. (Twice Amended) A telephone call and voice processing system comprising:  
switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
connects [is adaptable for connecting] the call to a telecommunications device coupled to  
the system; and  
voice processing circuitry [adaptable] for automatically interacting with the call,  
wherein the switching circuitry and the voice processing circuitry are controlled by a  
single processing means, wherein the voice processing circuitry further comprises a  
signal processing circuitry coupled to the single processing means, wherein the signal  
processing circuitry further includes:  
a fax tone detector operable for recognizing fax signals from the call.

(9) Please rewrite Claim 15 as follows:

15. (Twice Amended) A telephone call and voice processing system comprising:  
switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
connects [is adaptable for connecting] the call to a telecommunications device coupled to  
the system; and  
voice processing circuitry [adaptable] for automatically interacting with the call,  
wherein the switching circuitry and the voice processing circuitry are controlled by a  
single processing means, wherein the voice processing circuitry further comprises a  
signal processing circuitry coupled to the single processing means, wherein the signal  
processing circuitry further includes:  
a caller ID modem operable for recognizing caller ID signals from the call.

(10) Please rewrite Claim 16 as follows:

1 16. (Twice Amended) A telephone call and voice processing system comprising:  
2 switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
3 connects [is adaptable for connecting] the call to a telecommunications device coupled to  
4 the system; and

5 voice processing circuitry [adaptable] for automatically interacting with the call,  
6 wherein the switching circuitry and the voice processing circuitry are controlled by a  
7 single processing means, wherein the voice processing circuitry further comprises a  
8 signal processing circuitry coupled to the single processing means, wherein the signal  
9 processing circuitry further includes:

10 a call processing tone generator operable for generating and transmitting to the  
11 call standard call processing tones.

(11) Please rewrite Claim 17 as follows:

1 17. (Twice Amended) A telephone call and voice processing system comprising:  
2 switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
3 connects [is adaptable for connecting] the call to a telecommunications device coupled to  
4 the system; and

5 voice processing circuitry [adaptable] for automatically interacting with the call,  
6 wherein the switching circuitry and the voice processing circuitry are controlled by a  
7 single processing means, wherein the voice processing circuitry further comprises a  
8 signal processing circuitry coupled to the single processing means, wherein the signal  
9 processing circuitry further includes:

10 a conference bridge operable for coupling the call to one or more internal or  
11 external telecommunications devices.

[ (12) Please rewrite Claim 21 as follows: ]

1 ~~11/18/21~~ (Twice Amended) A telephone call and voice processing system comprising:  
2 switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
3 connects [is adaptable for connecting] the call to a telecommunications device coupled to  
4 the system; and  
5 voice processing circuitry [adaptable] for automatically interacting with the call,  
6 wherein the switching circuitry and the voice processing circuitry are controlled by a  
7 single processing means;  
8 circuitry operable for recording all or a portion of the call after the  
9 telecommunications device is connected to the call, wherein the recording circuitry  
10 operates in response to a tactilely initiated activating signal, wherein the tactilely initiated  
11 activating signal is produced when a user presses a record button on an extension  
12 telephone coupled to the system.

[ (13) Please rewrite Claim 27 as follows: ]

1 27. (Twice Amended) A telephone call and voice processing system comprising:  
2 switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
3 connects [is adaptable for connecting] the call to a telecommunications device coupled to  
4 the system;  
5 voice processing circuitry [adaptable] for automatically interacting with the call,  
6 wherein the switching circuitry and the voice processing circuitry are controlled by a  
7 single processing means;  
8 circuitry for listening to a voice signal at a telephone extension coupled to the  
9 system;  
10 circuitry for activating a recording sequence to record the voice signal; and

11 circuitry for storing the recorded voice signal in a digital memory, wherein the  
12 activating circuitry is tactilely initiated by a user of the telephone extension, wherein the  
13 voice signal originated from a voice mail message stored in the system

(14) Please rewrite Claim 28 as follows:

13128. (Twice Amended) A telephone call and voice processing system comprising:  
switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
connects [is adaptable for connecting] the call to a telecommunications device coupled to  
the system;  
voice processing circuitry [adaptable] for automatically interacting with the call,  
wherein the switching circuitry and the voice processing circuitry are controlled by a  
single processing means;  
circuitry for listening to a voice signal at a telephone extension coupled to the  
system;  
circuitry for activating a recording sequence to record the voice signal; and  
circuitry for storing the recorded voice signal in a digital memory, wherein the  
activating circuitry is tactilely initiated by a user of the telephone extension, wherein the  
tactilely initiated activating signal is produced when the user presses a record button on  
the telephone extension coupled to the system.

(15) Please rewrite Claim 29 as follows:

1 ~~3x~~ 29. (Twice Amended) A telephone call and voice processing system comprising:  
2 switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
3 connects [is adaptable for connecting] the call to a telecommunications device coupled to  
4 the system;  
5 voice processing circuitry [adaptable] for automatically interacting with the call,  
6 wherein the switching circuitry and the voice processing circuitry are controlled by a  
7 single processing means;  
8 circuitry for listening to a voice signal at a telephone extension coupled to the  
9 system;  
10 circuitry for activating a recording sequence to record the voice signal;  
11 circuitry for storing the recorded voice signal in a digital memory; and  
12 circuitry for storing time and date of the call, and caller-id information associated  
13 with the call.



(16) Please rewrite Claim 32 as follows:

1 ~~1718~~ 32. (Twice Amended) A system operable for providing information stored in a  
2 telephone [call/voice] call and voice processor system to a user at a telephone extension  
3 without the user at the telephone extension having to call a resource storing the  
4 information, the system comprising:

5 circuitry for receiving an activation signal from the telephone extension, wherein  
6 the activation signal is tactilely initiated by the user of the telephone extension;

7 circuitry for coupling the telephone extension to a play channel of a signal  
8 processing circuitry;

9 circuitry for downloading the information to the play channel from a memory;

10 circuitry for playing portions of the information to the user via the telephone  
11 extension;

12 circuitry for receiving another signal tactilely initiated by the user of the telephone  
13 extension, wherein the another signal includes coding indicating a content of the  
14 information; and

15 circuitry for retrieving the information having the content from the memory and  
16 providing it to the play channel, wherein the signals are activated by the user while the  
17 telephone extension is connected to a call.

[ (17) Please rewrite Claim 40 as follows: ]

2324/40. (Twice Amended) A method for providing information stored in a telephone  
[call/voice] call and voice processor system to a user at a telephone extension, the method  
comprising the steps of:

receiving an activation signal from the telephone extension, wherein the activation  
signal is tactilely initiated by the user of the telephone extension;

coupling the telephone extension to a play channel for a signal processing  
circuitry;

downloading the information to the play channel from a memory;

playing portions of the information to the user via the telephone extension;

receiving another signal tactilely initiated by the user of the telephone extension,  
wherein the another signal includes coding indicating a content of the information; and

retrieving the information having the content from the memory and providing it to  
the play channel, wherein the signals are activated by the user while the telephone  
extension is connected to a call.

[ (18) Please rewrite claim 53 as follows: ]

5435/53. (Twice Amended) A telephone call and voice processing system comprising:  
switching circuitry [adaptable] for receiving a call, wherein the switching circuitry

connects [is adaptable for connecting] the call to a telecommunications device coupled to  
the system;

voice processing circuitry [adaptable] for automatically interacting with the call,  
wherein the switching circuitry and the voice processing circuitry are controlled by a  
single processing means;

8 circuitry for receiving an activation signal from a user at a telephone extension  
9 coupled to the system;  
10 circuitry for prompting the user to enter a first code for a first of a plurality of  
11 mailboxes to receive a copy of the message;  
12 circuitry for receiving the first code;  
13 circuitry for prompting the user to enter a second code for a second of the  
14 plurality of mailboxes to receive a copy of the message;  
15 circuitry for receiving the second code; and  
16 circuitry for copying the message to the first and second mailboxes.

(19) Please rewrite Claim 58 as follows:

58. (Amended) In a telephone call and voice processing system comprising  
2 switching circuitry [adaptable] for receiving a call, wherein the switching circuitry  
3 connects [is adaptable for connecting] the call to a telecommunications device coupled to  
4 the system, and voice processing circuitry [adaptable] for automatically interacting with  
5 the call, wherein the switching circuitry and the voice processing circuitry are controlled  
6 by a single processing means., a method comprising the steps of:  
7 listening to a voice signal at a telephone extension coupled to the system;  
8 activating a recording sequence to record the voice signal; and  
9 storing the recorded voice signal in a memory.